



## 1997 On-Line Catalog

<b><u>Bottom Bracket Tools</u></b> spa-1 to spa-4, spa-6, bbt-2 to bbt-6, hew-4 hew-5, hew-11, hew-12, hew-13	<b><u>Cleaning &amp; Lubrication</u></b> cm-3, cb-1, cb-5, gsc-1, cg-1, ppl-1, ppl-2	<b><u>Headset &amp; Fork Tools</u></b> sg-5, sg-6, tns-1, tns-3, Fork Block Sets 636-637-638, hhp-1, crs-1, rt-1, hw-1, hw-2, hew-6, hew-7, hew-9, hew-10, hew-12, hew-14, rw-1, rw-3	<b><u>Repair Stands</u></b> prs-5, prs-2, prs-3, prs-4, prs-4w, prs-6, prs-7, prs-12, pcs-1, pcs-2
<b><u>Brake Tools</u></b> rmw-1, cn-4, sd-1, obw-1, obw-2, obw-3, cbw-1 to cbw-5, bt-1 to bt-5	<b><u>Crankarm &amp; Pedal Tools</u></b> ccw-14r, ccp-2, cwp-5, pw-3, cr-2, tap-3, tap-6	<b><u>Hex Key Wrenches</u></b> aws-1, aws-8, aws-9, aws-10, aws-11, mt-1	<b><u>Repair Stand Accessories</u></b> tk-3, tk-2, isc-1, hbh-1, worktray 104, ext.178, clamps
<b><u>Cassette/ Freewheel &amp; Hub Tools</u></b> fr-1 to fr-6, hew-14, scw-13 to scw-18, dcw0 to dcw-4, sbc-1, av-1, gsc-1	<b><u>Cutting Tools</u></b> pzt-1, htr-1, crc-1, cf-1, bts-1, fts-1, bts-1, tap-7, tap-8, tap-9, tap-10, tap-3, tap-6	<b><u>Miscellaneous</u></b> pzt-1, Storage Hooks 450&451, tw-1, tw-2, sa-1	<b><u>Take-Along Tools</u></b> gp-2, ppm-1, tr-1, tb-1, bk-1, mt-1, rw-1, rw-3, ct-5, tl-1, sw-7
<b><u>Chain Tools</u></b> ct-2, ct-3, ct-5, cc-1	<b><u>Frame Alignment Tools</u></b> dag-1, ffg-1, ss-1, ffs-1, fag-2, clg-2, hts-1, Fork Block Sets 636-637-638	<b><u>PDR In-Store Displays</u></b> pdr-3, pdr-5	<b><u>Wheel &amp; Tire Tools</u></b> ts-2, ts-7, tsb-2, wag-1, wag-3, sw-0 to sw-4, sw-7, sw-10, gp-2, tb-1, tl-1, pts-1, sbc-1, tr-1

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## On-Line Catalog '97 Bottom Bracket Tools

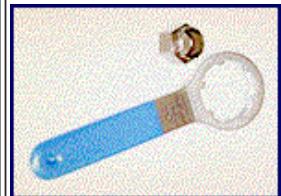


### **Shimano Sealed Cartridge Bottom Bracket BBT-2**

The BBT-2 fits all models of Shimano's cartridge bottom brackets. Simply insert the BBT-2 into the splined cartridge and either tighten or loosen using a 3/8 inch ratchet driver or a 32mm wrench.

### **Bottom Bracket Tool BBT-5**

Campagnolo cartridges need their own version of bottom bracket tools. This small tool looks like a freewheel remover, but has a slightly different shape. The BBT-5 fits Record, Chorus, and Athena bottom bracket cartridges and cassette lockrings.



### **Bottom Bracket Tool BBT-3**

The BBT-3 is made specifically for the installation and removal of the "star-shaped" cartridge cups used on KSS bottom brackets. The vinyl coated handle provides a comfortable, non-slip grip.



### **Bottom Bracket Tool BBT-4**

The BBT-4 is made for the installation and removal of the "star shaped" cartridge cups used on Sachs, Campagnolo Veloce, and Thun SKF Series sealed cartridge bottom brackets. The handle is vinyl coated for comfort.

### **Pin Spanners SPA-1 thru SPA-4**

Park Tool Pin Spanners have been designed to give maximum usefulness and versatility at the lowest possible cost. Tough high carbon tool steel is used on each tool to ensure long life. Handle is vinyl coated to give a good grip. Each Pin Spanner is color coated for easy recognition.

SPA-1 (green) Fits adjusting cup on most 3-piece cranks.

SPA-2 (red) Fits adjusting cone on most gear clusters.

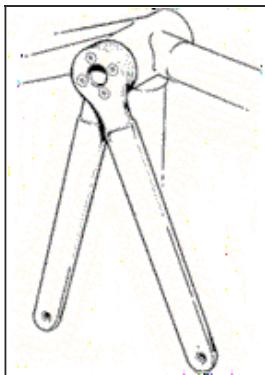
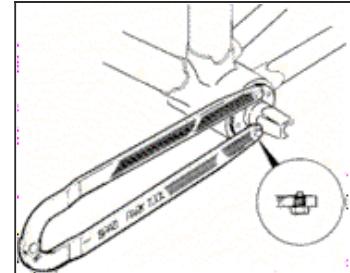
SPA-3 (blue) Fits lockring on most 3-piece cranks.

SPA-4 (yellow) Fits adjusting cone on most 1-piece cranks.



### **Adjustable Spanner SPA-6**

This spanner uses hardened, replaceable pins. Designed for heavy-duty use, the distance between pins is adjustable, allowing use on virtually any hanger cup. Uses Part #1501 Replacement Pins.



### **Shimano Cartridge Adjusting Tool BBT-6**

The BBT-6 is an adjustment tool for several of Shimano's cartridge-type bottom brackets. One handle is used to loosen the cartridge's locknut, and the other to make the adjustment. Extra long, coated handles give great leverage for an easy job. The BBT-6 fits all cartridges except Dura-Ace and UN models.

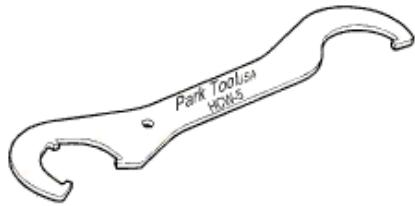
### **HCW Wrenches**

Our popular and versatile Head and Crank Wrenches now feature our stronger "Y" head design with all openings Laser cut to ensure a tight, accurate fit. Precise sizing is achieved by high voltage computer controlled lazer technology after heat treat. Waiting until the wrench is heat treated eliminates shrinkage and expansion of the steel after the wrench is sized. It takes longer, and costs more, but it's worth the extra effort. (Only headset sizes 30mm, 32mm, 36mm, and 40mm are lazer sized). Wrenches are approximately 11 inches in length.

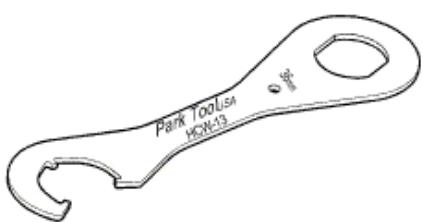


**HCW-4** 36mm box-end and bottom bracket pin spanner.

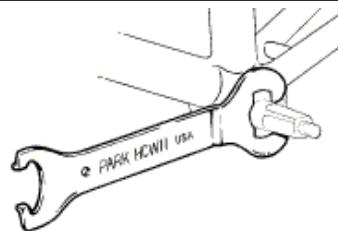
**HCW-5** Double sided bottom bracket lockring hook spanner.



**HCW-12** 32mm head wrench and lockring hook spanner.



**HCW-13** Lockring hook spanner and 36mm fixed cup wrench.



**HCW-11** 16mm "slotted" and "raised" adjusting cup bottom bracket wrench.

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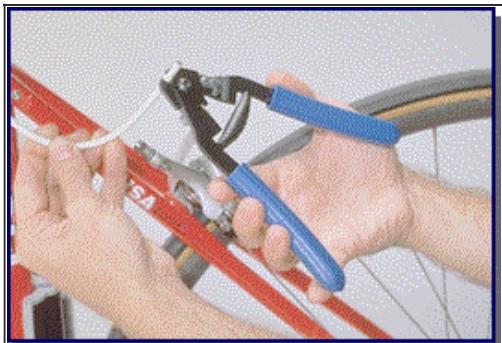
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## On-Line Catalog '97

### Brake Tools



#### **CN-4 Cable and Housing Cutter**

An updated version of our popular CN-2 Cable Cutter, the CN-4 has a better feel, a stronger spring, and a redesigned head that cuts both cable and housing (including index housing) quickly and cleanly. Made of heat treated, high carbon tool steel, this new Cable and Housing Cutter is sure to cut...and cut....and cut!

#### **Offset Brake Wrenches OBW-1, OBW-2, OBW-3**

We call these our offset wrenches because of their unique design, which allows them to be used in tight places, such as centering caliper brakes. OBW-1 has 10mm and 13mm openings, OBW-2 has 11mm and 12mm openings. OBW-3 has a 14mm opening, and the other end fits into the tension springs to rotate the brake on its bolt.



#### **BT-1 Third Hand Brake Tool**

The BT-1 holds caliper brake shoes against the rim while installing the cable. Vinyl coating is easy on the hands and smooth edges allow it to be easily attached and removed. Chrome plated, heat treated spring steel.

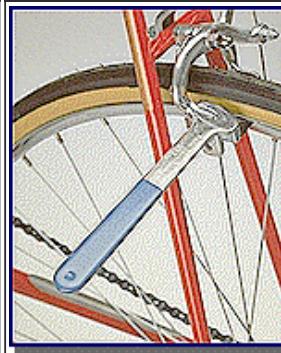


#### **BT-2 Cable Stretcher**

Commonly referred to as a "4th Hand", the Park Tool Cable Stretcher pulls cables tight. It features one-hand operation with a thumb lock to hold the cable tight while your hand is removed to tighten pull-up bolts and nuts. Made from heat treated tool steel, chrome plated, and featuring cushion grips for comfort. A must for any shop, home or professional.

### **Brake Toe-In-Tool BT-3**

The Brake Toe-In-Tool is used for aligning caliper brake pads in relation to the rim. Brake pads that are perfectly parallel to the rim will "squeal." Park Tool's BT-3 allows pads to be easily "toed-inward." Simply place tool on flats of caliper arms and gently twist. Hardened, chrome plated chrome-moly with a vinyl coated handle for good grip.

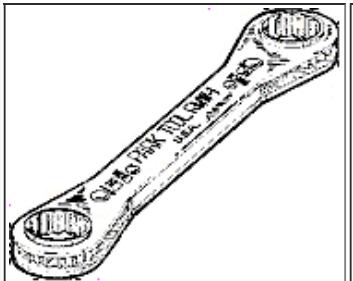


**BT-5 Adjustable Third Hand Brake Tool** Designed to be used on all brakes, caliper and cantilever. The BT-5 can be used on many different parts of brakes -- against shoe, mounting bolt, etc., whatever is more convenient. Squeeze handle and turn knob to lock in place. Chrome plated and vinyl coated to protect the brake finish.



### **Third Hand For Cantilever Brakes BT-4**

The BT-4 is designed especially for use on most cantilever brakes found on mountain bikes, etc. Vinyl coated spring steel will not mar brake shoes. Will fit most older cantilevers. For more universal application, use the BT-5.

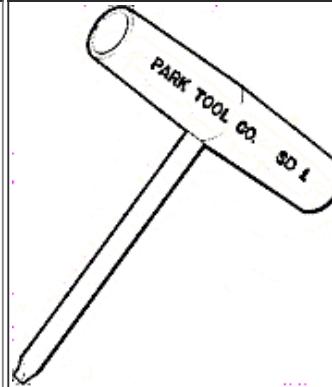


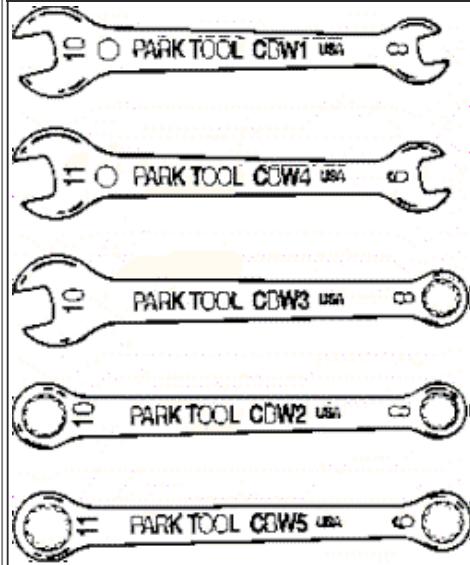
### **RMW-1 Ratcheting Metric Wrench**

A small, quality hand wrench with 8mm and 10mm sockets. Fits many nuts and bolts throughout the bicycle. Useful on brakes, derailleurs, etc. Chrome plated for long, tough use.

### **SD-1 T-Handled Screwdriver**

This screwdriver is specially designed to deliver extra torque necessary to get brake levers really tight. The blade fits into the narrowest brake levers.





**Metric Wrenches CBW-1 through CBW-5** These small, chrome plated wrenches can be used on brakes, derailleurs, etc.

CBW-1 8mm open - 10mm open  
CBW-2 8mm box - 10mm box  
CBW-3 8mm box - 10mm open  
CBW-4 9mm open - 11mm open  
CBW-5 9mm box - 11mm box

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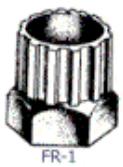
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## Cassette/ Freewheel & Hub Tools



**FR-1** Fits all Shimano freewheels since 1985, Uniglide before 1985; S.I.S. and Sachs Aris freewheels.



**FR-2** Fits Sun Tour 2-notch freewheels. Not recommended for Sun Tour 4 to 6-notch freewheels.



**FR-3** Fits all Sun Tour 4-notch freewheels since 1986.



**FR-4** Fits Atom, Regina, splined Zeus, and some Schwinn Approved freewheels.



**FR-5** Fits Shimano Hyperglide lockring. (Note: You must hold freewheel with a Park Tool Sprocket Remover SR-1).

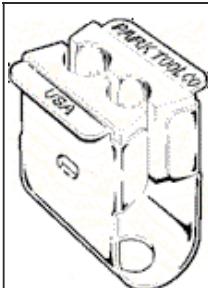
### **BMX Freewheel Remover FR-6**

The new FR-6 is a high quality, four notch BMX freewheel remover. Made from investment cast tool steel, the FR-6 fits most of the popular BMX freewheels currently on the market.



### **Sprocket Remover SR-1**

Our shop quality "chain whip" is built to survive the punishment of everyday shop use. Heat treated to prevent bending and flexing, and equipped with special hardened pins to keep the chain in place, the SR-1 is sure to become a shop favorite. The comfortable handle grip surrounds a hex-shaped hole designed to fit Park Tool Freewheel Removers.



### **Axle Vise AV-1**

This tool holds the axle so it will not turn while work is done on the hub. It has two different diameter receptacles so it will work on front and rear axles. It is simple to use - just insert the axle into the proper diameter opening and tighten the bench vise. The jaws will open automatically when the vise is opened.

### **Spoke, Bearing, and Cotter Gauge SBC-1**

This handy shop aid is ideal for sizing spokes, ball bearings and crank coppers. To use, just hang the head of the spoke in the oblong hole and read its length on the scale. For crank coppers and ball bearings it works just like a gauge for drill bits. Spoke lengths are in both metric and fractional markings. Made of anodized aluminum with embossed markings to allow easy reading and long life.

### **Shop Cone Wrenches SCW-13 through SCW-20**

The cone wrenches bike shops all over the world have trusted for almost 30 years just got better. We started with a clean sheet of paper and designed a set of cone wrenches that we believe are unmatched in quality and performance. The first thing you will notice about the new SCW Shop Cone Wrenches is the shape. The unique "Y" head design puts more material where it's needed for added strength and durability. The second thing you will probably notice is the finish--a new military grade phosphate finish. A departure from the traditional chrome plating, we've found this new finish helps ensure a precision fit and consistent quality. In addition to these new features, we also made the SCW Shop Cone Wrenches thinner than ever for use on even the narrowest of adjusting cones and added a wider, vinyl dipped handle for comfort. With these new features, we're confident the new SCW Shop Cone Wrenches will become the new industry standard.

**SCW-13** 13mm **SCW-14** 14mm

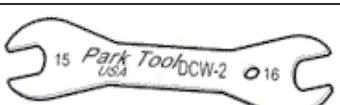
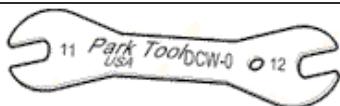
**SCW-15** 15mm **SCW-16** 16mm

**SCW-17** 17mm **SCW-18** 18mm



### **GearClean™ Brush GSC-1**

Park Tool's patented GearClean Brush has a unique design. A large comfortable handle with a curved, toothed-end reaches dirt deep between the gears, and tough nylon bristles clean the derailleur and chain. Saves wear and tear on your chain and freewheel. Works great on brakes or other places where dirt collects. Handy size to take along for quick cleaning anywhere. Made of sturdy nylon. Packaged carded: GSC-1C



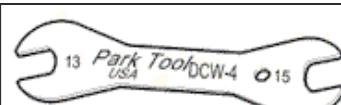
### **Double-Ended Cone Wrenches DCW-0- DCW-4**

These cone wrenches are designed for the home mechanic or occasional user. They're made of thin tool steel and are chrome-plated for long use. Available in four popular sizes from 11mm to 18mm. Their small size makes them ideal to carry along for quick repairs.

**DCW-0** 11mm and 12mm **DCW-1** 13mm and 14mm

**DCW-2** 15mm and 16mm **DCW-3** 17mm and 18mm

**DCW-4** 13mm and 15mm





#### **HCW-14 36mm Head Wrench and Chain Whip**

This new wrench is a very useful combination of a Lazer sized 36mm head wrench and a chain whip. Shop quality, yet a perfect wrench for the mountain biker.

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## On-Line Catalog '97 Chain Tools



### **Screw Type Chain Tool CT-3**

Because of the tremendous force needed to remove chain pins, our Screw Type Chain Tool is now made from investment cast tool steel. Along with superior strength and durability, the CT-3 features a handy "loosening shelf" to remedy stiff links after reassembly. The fine thread and comfortable size enable easy removal of even the toughest chain pins. Like all Park Tool Chain Tools, it's Hyperglide compatible.

**WORKS GREAT WITH NEW SHIMANO 9 SPEED CHAINS**



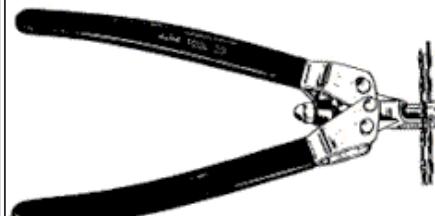
### **Mini Chain Brute Chain Tool CT-5**

This small chain tool goes anywhere and actually performs like a shop quality tool. The fine thread, special "V"-shaped handle, and super strong replaceable pin make chain removal and installation a breeze. The CT-5 works on any derailleur chain (including Hyperglide) and has a "shelf" for loosening tight links. At only 77 grams, it's the perfect take-along chain tool.



### **Chain Checker CC-1**

Park Tool's Chain Checker offers a fantastic way to determine chain wear and stretch. Most chain manufacturers recommend chain replacement at 1% stretch. Failure to replace the chain at this point will result in poor shifting and uneven drive train wear. The CC-1 can be used on any chain, in any five inch area. Simply insert the CC-1 into any two chain links, turn the numbered dial until it stops. The dial will show just how worn the chain is. Color coded for easy "use" and "don't use" determination.



### **Plier Type Chain Tool CT-2**

Often referred to as the Park Tool "Super Chain Tool," the CT-2 is designed for fast easy removal or repair of chains. The tremendous leverage generated removes even the toughest rivets. Ideal for use on Shimano Uniglide and Hyperglide chains. To use, simply put the chain roller in the built-in recess and squeeze the handles. The travel adjusts to return the rivet back the proper distance.

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## On-Line Catalog '97 Cleaning & Lubrication

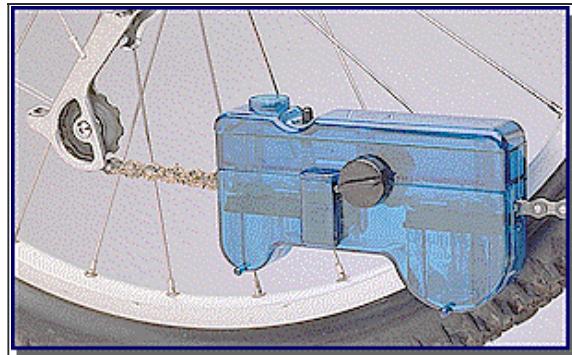


### Chain Gang Chain Cleaning System CG-1

A dirty drivetrain causes poor shifting and unnecessary wear to expensive parts. The Chain Gang contains everything needed to quickly and easily clean the chain, freewheel cogs, and chainrings. The Chain Gang includes a Chainmate™ Chain Scrubber, a GearClean™ Brush, and an 8 oz. (237 ml) bottle of BIO ChainBrite. The CG-1 works on all derailleur bikes and most 3-speed and coaster brake bikes.

### **ChainMate™ Chain Scrubber CM-3**

The patented ChainMate Chain Scrubber is made with a tough plastic base material and has replaceable cleaning brushes, Part #RBS-1 Replacement Brush Set, for extended product life. The ChainMate features an in-line chain track for less chain resistance. Made for use on all derailleur and most 3-speed and coaster chains. A wide profile and a wide base provide stability, and a large reservoir provides extra solvent capacity. The twist lock is quick and positive. The funnel-style filler hole makes it easy to fill the reservoir with solvent. Park Tool ChainBrite is recommended.



### **GearClean™ Brush GSC-1**

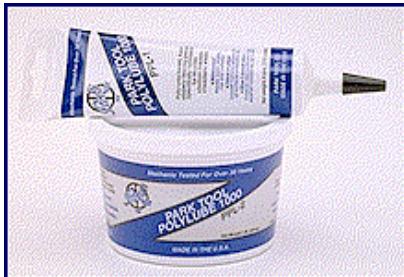
Park Tool's patented GearClean Brush has a unique design. A large comfortable handle with a curved, toothed-end reaches dirt deep between the gears, and tough nylon bristles clean the derailleur and chain. Saves wear and tear on your chain and freewheel. Works great on brakes or other places where dirt collects. Handy size to take along for quick cleaning anywhere. Made of sturdy nylon. Packaged carded: GSC-1C





#### BIO ChainBrite CB-5

Completely biodegradable, new CB-5 BIO ChainBrite quickly cuts grease and grime, and frees sticky, gummed-up parts. Though it's a powerful degreaser, BIO ChainBrite will not harm any rubber seals, O-rings, or plastic parts, so it's safe to use for all your component cleaning. CB-5 has no noxious fumes and even contains a rust inhibitor. 16 oz. (474mL) bottle.



#### **PolyLube 1000 Lubricant PPL-1 and PPL-2**

Park Tool's poly-urea based lubricant was developed specifically for bicycle maintenance and repair. PolyLube 1000 has an extremely high shear strength to protect vital parts under extreme conditions. PolyLube 1000 also repels moisture and is compatible with conventional greases. Available in a handy four-ounce tube (PPL-1) and a one-pound tub (PPL-2)

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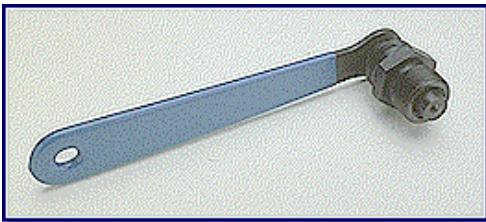
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## On-Line Catalog '97 Crank Arm & Pedal Tools

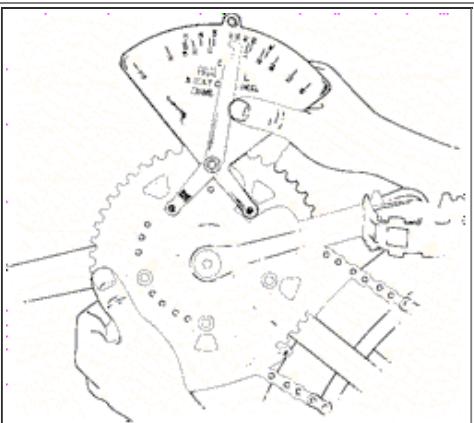
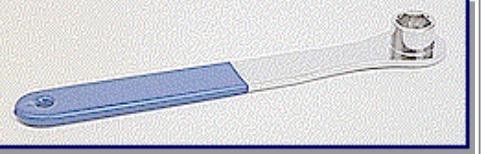


### **Cotterless Crank Puller CCP-2**

Pulling off crank arms is the only way to thoroughly service bottom bracket bearings. The unique universal design of the CCP-2, originated by Park Tool Co., eliminates the need to have a different puller for each different brand of crank set. The double-end puller nut fits all cranks with 22mm x 1 and 23mm x 1 threads. A special "floating", hardened tip provides long life and smooth operation. The thread lengths of the CCP-2 have been increased to accommodate new, deeper crank arms and the long handle provides plenty of leverage.

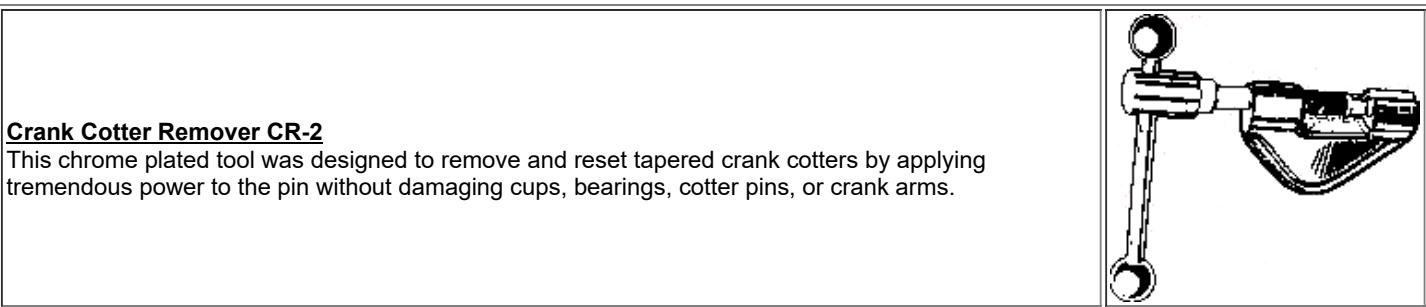
### **Cotterless Crank Wrench CCW-14R**

The CCW-14R has been updated, making it a more useful tool and a better value. It has a stronger and deeper socket so it will work on any 14mm crank nut or bolt. The CCW-14R also has a longer handle which is now vinyl dipped for comfort. Heat treated and chrome plated for strength and durability.



### **Bolt Circle Diameter Gauge CDG-1**

This gauge is invaluable for quick, easy reading of the correct bolt circle diameter of a 5-bolt chainwheel assembly. It is used by inserting its cone-shaped pointers in two consecutive bolt holes. The gauge automatically gives the corresponding bolt circle diameter measurement. No disassembly of the crankset is required. The CDG-1 also features a quick reference chart on the reverse side listing common chainwheel bolt-to-diameter numbers. Not suitable for "micro" bolt circle diameters.



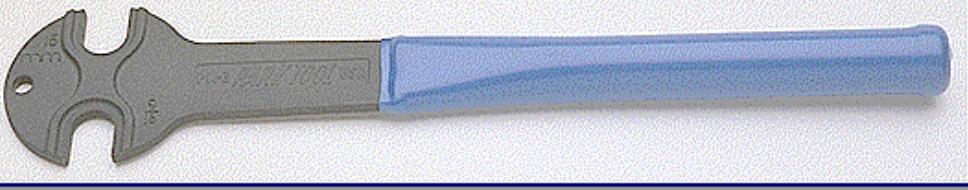


#### **Crank Wrench and Puller CWP-5**

The CWP-5 is a small, lightweight crank arm puller with a 14mm socket for removing crank arm fixing bolts and nuts. Though it's small and light, the CWP-5 is made of high quality steel and has a "floating", hardened tip for smooth operation and long life. It's the perfect puller for the road or home tool kit.

#### **Pedal Wrench PW-3**

New material and new design! We have taken our popular pedal wrench and beefed it up to make it even better. By adding reinforcement around the stressed areas and upgrading the material we can offer a new investment cast pedal wrench that is still the most comfortable on the market. 15mm and 9/16" precision openings with an extra long, round, vinyl dipped handle that won't dig into your hand like flat wrenches.



#### **Road Wrenches RW-1 and RW-3**

An ideal head and pedal wrench to carry along. Small size fits in small bag, or mounts under water bottle cage using slotted center. Chrome plated tool steel.

**RW-1** 32mm head wrench and 15mm pedal wrench.

**RW-3** 36mm head wrench and 15mm pedal wrench.

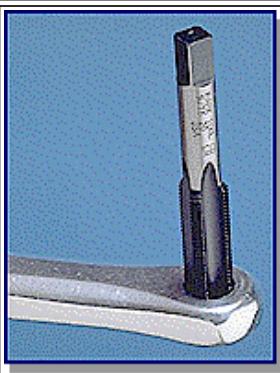


#### **Pedal Taps TAP-3 and TAP-6**

Clean out or restore damaged threads in crank arms with these pedal taps. These taps can be used with either steel or alloy crank arms and are available in two popular sizes: 1/2" and 9/16" in both right and left-hand threads. Made of high carbon steel, precision ground, and hardened to stay sharp, they cut easily and fit all conventional tap handles. Packaged carded.

**TAP-3C** Set of 2, 1/2" Left and Right

**TAP-6C** Set of 2, 9/16" Left and Right



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### Cutting Tools

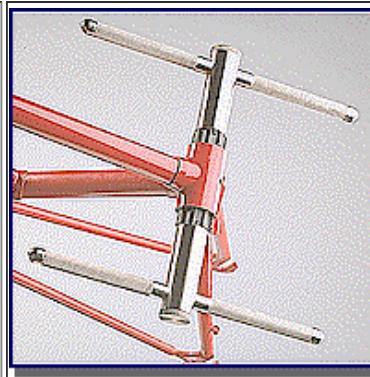
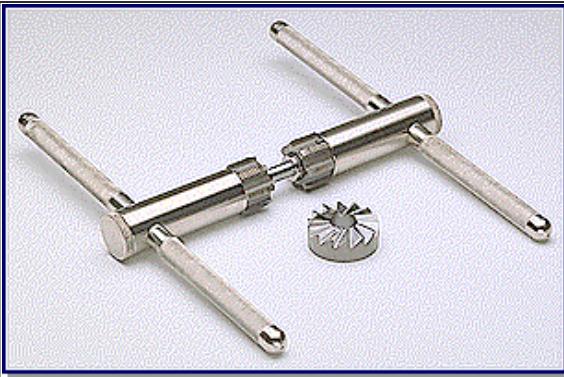


#### **Bottom Bracket Facing Set BFS-1**

The Bottom Bracket Facing Set is designed to be a complete self-contained facing set combining top quality precision parts, with ease of use. Simply install the threaded inserts using the Facer handle, or even the Park Tool BTS-1 tap handles, then insert the facing tool through the guides and install the tension spring and speed nut. After applying a liberal amount of cutting oil, the BFS-1 easily cuts the shell material, giving you a clean, faced surface. Now you're ready to install the bottom bracket.

#### **Bottom Bracket Tapping Set BTS-1**

The BTS-1 is a precision tool system which provides a piloted means of tapping the threads in the bottom bracket shell of a frame. After tapping, the taps act as guides to keep the included facing cutter perfectly square with the axis of the bottom bracket for cleanup of the faces of the bottom bracket shell. Make sure plenty of cutting oil is used in all cutting operations. The BTS-1 includes English taps, 1.370" x 24 TPI right hand thread for the adjustable cup, and 1.370" x 24 TPI left hand thread for the fixed cup. Italian thread taps, 36mm x 24 TPI right hand thread (Part #693), and French thread taps, 35mm x 1 right hand thread (Part #694), for the adjustable and fixed cups are available as accessories.



### **Crown Race Cutting Tool CRC-1**

To insure proper headset performance and longevity, special attention must be given to accurately machine the fork's crown race seat. The CRC-1 is a professional quality machining tool for milling both the outer edge and lower surfaces of the crown race seat. A unique adjusting system allows a tight fit of the tool on any fork, threaded or unthreaded, (even forks with externally butted steerer tubes), ensuring a smooth, accurate cut and proper alignment of the fork in the frame. The CRC-1 Crown Race Cutting Set includes high speed steel cutters and adjustable collets to machine 26.5mm and 27.1mm crown race seats on 1" forks and 30.1mm crown race seats on 1-1/8" forks.



### **Fork Threading Set FTS-1**

The FTS-1 Fork Threading Set is designed for cutting new threads and for chasing existing threads on fork columns that are not chromed. The FTS-1's expandable cutting dies are made from the highest quality high speed steel for precision cutting and long life. The unique thread guide system used with the FTS-1 is specially designed to allow the metal chips and shavings that result during use to fall completely through the guide, preventing damage to the fork threads and the tool. The FTS-1 includes die handles, 1" x 24 tpi cutting die (#606), and 1" cutting guide (#610). 1-1/8" x 26 die (#607), 1-1/4" x 26 die (#608), 1-1/8" guide (#611), and 1-1/4" guide (#612) are available as accessories. Die handles fit all three sizes of dies and guides.

### **Head Tube Reaming and Facing Set HTR-1**

Proper frame preparation is very important. The HTR-1 combines reaming and facing of the head tube to create a perfect fit for most sizes of head cups. The HTR-1 comes complete with a 30.0mm reamer, and four different size pilots, (29.8mm, 30.0mm, 33.8mm, and 36.8mm). There are cases when a reamer is required to clean out or increase the diameter of the head tube. Most times however, facing of the head tube for good cup fit is the objective. In this case, reaming is not necessary and the pilots can be used in place of the reamers to keep the tool straight and create a faced head tube. The unique part of the HTR-1 is the quick-release, quick-adjust feature. The bottom portion can slide off and on easily without the long threading process. This portion of the tool can still be fine tuned while in use. The tapered centering cone unit rides on a bearing for extra smooth operation. All cutting surfaces are top quality and extra sharp.





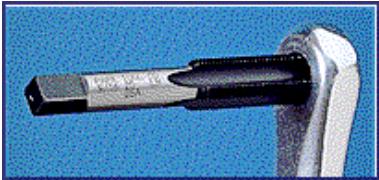
#### **Park Tool Cutting Fluid CF-1**

The use of cutting oil or cutting fluid is extremely important when performing any cutting, tapping, facing, or reaming operation. Park Tool Cutting Fluid is a high quality, environmentally safe cutting fluid that extends tool life and makes any frame prep job easier and safer. Park Tool Cutting Fluid can effectively be used on all metals (except magnesium). 8 oz. (237 mL) bottle.



#### **Frame Taps TAP-7 through TAP-10**

Frame Taps will become a lifesaver at some time for virtually every mechanic. As with all Park Tool Taps, these are made of high carbon steel and are precision ground. Park Tool Frame Taps cut easily and fit conventional tap handles.



#### **Pedal Taps TAP-3 and TAP-6**

Clean out or restore damaged threads in crank arms with these pedal taps. These taps can be used with either steel or alloy crank arms and are available in two popular sizes: 1/2" and 9/16" in both right and left-hand threads. Made of high carbon steel, precision ground, and hardened to stay sharp, they cut easily and fit all conventional tap handles. Packaged carded.

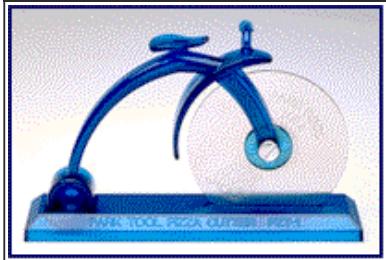
**TAP-3C** Set of 2, 1/2" Left and Right

**TAP-6C** Set of 2, 9/16" Left and Right



#### **Big Wheel Pizza Tool PZT-1**

The PZT-1 just happens to be a top-quality pizza cutter that looks like a high-wheeler. No hidden use, just a pizza cutter. Available only in the world famous "Park Tool Blue". Comes complete with display stand and gift box.



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## On-Line Catalog '97 Frame Alignment Tools



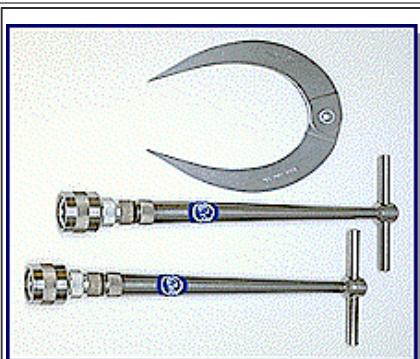
### Derailleur Hanger Alignment Gauge DAG-1

The Derailleur Hanger Alignment Gauge can help solve a multitude of derailleur shifting problems, most notably with index shifting systems. This tool is extremely steady in operation and is simple to use. The tool threads directly into the derailleur hanger. The gauge bar holds a gauge which marks the distance to the wheel. The gauge then is rotated with the wheel to the 6, 9, and 12 o'clock positions, noting any differences in measurements. The alignment of the derailleur hanger is accomplished by applying pressure to the tool's arm. The results can be checked instantly. The DAG-1 is made of heavy-gauge steel and is chrome plated for long shop life.



### Frame Alignment Gauge FAG-2

Many bicycles will not shift or track properly because the front and rear wheels are not in line with the frame. If these conditions still exist after wheel and derailleur adjustments, the seat stays, chain stays, and rear drop-outs of the frame may be misaligned. For years the accepted method to check the alignment of the rear drop-out was to run a string on either side. This method does work to some extent. However, it is not accurate because the measurement is not taken at the drop-out. With the Park Tool Frame Alignment Gauge the alignment can be checked quickly and accurately at the drop-out. Retractable pointer to fit all sizes and types of bicycles.



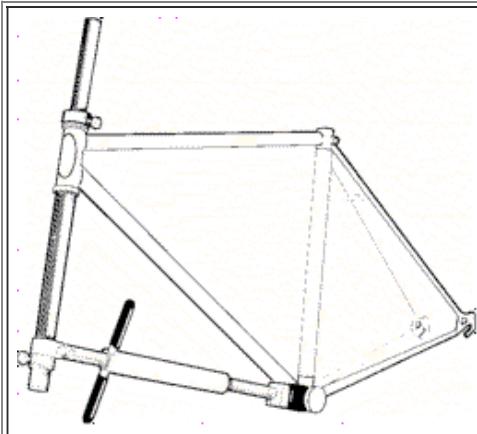
### Frame and Fork End Alignment Gauge Set FFG-1

There are occasions, even on new bikes when the frame and fork drop-outs are not parallel, creating bent axles or skewers, poor tracking, and even problem shifting. The Park Tool Frame and Fork Alignment Gauge Set was designed to align the drop-outs easily without elaborate fixtures. They quickly show whether the drop-outs are parallel and produce plenty of leverage to straighten them. These Park Tool gauges adjust to compensate for various hub widths. A caliper is provided for checking this dimension.



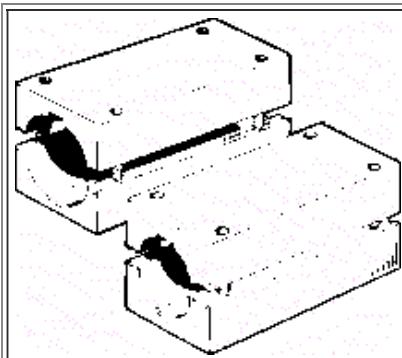
#### **Frame and Fork Straightener FFS-1**

The Park Tool Frame and Fork Straightener is a versatile and productive tool. The open hook design enables it to straighten not only frames and forks, but also cranks and handlebars. Vinyl coating on the hook and on the fulcrum pad protects painted surfaces. The hook has over 8" of adjustment. Reinforced to prevent flexing.



#### **Head Tube Straightener HTS-1**

After a front-end collision, many bicycles will require the head tube of the frame to be straightened. They will no longer steer properly and the front wheel has reduced clearance at the down tube and the pedals. The Head Tube Straightener is designed to quickly correct the angle of the head tube. After the fork has been removed from the frame, the shaft of the HTS-1 is inserted through the head set races and secured with a set collar. The shaft has two different diameters and is made of high strength, Fatigue-proof steel. The turnbuckle is then connected to the shaft at a 90 degree angle and tightened against the bottom bracket. The turnbuckle is extended until the shaft and head tube are at the desired angle. Tremendous pressure is generated with this tool, and any frame can be straightened with little physical effort. The fork should be checked for damage prior to reassembly.



#### **Fork Block Sets #636, #637, and #638**

These aluminum fork block sets are handy for holding forks in a vise while cutting threads, cutting steerer tubes, straightening dropouts, and performing similar operations. All three sizes will also fit the Park Tool FCG-1 Fork Clamp and Gauge. (For 1", 1-1/8", and 1-1/4" forks).



#### **Frame Stay Straightener SS-1**

One of the most difficult tasks in frame repair is straightening seat and chain stays that have been damaged. The Park Tool Stay Straightener is a unique, adjustable tube bender that can straighten seat and chain stays quickly and accurately. The middle hook can either pull or push the tube into position, while the other two hooks adjust to the length and contour of the damaged area. Vinyl coated hooks will not mar paint. You will be amazed how well you can straighten seat and chain stays.

#### **ChainLine Gauge CLG-2**

The Park Tool ChainLine Gauge is a terrific help in diagnosing poor shifting or erratic chain characteristics. Use of this tool can help isolate the causes which range from an improperly installed rear wheel, misaligned dropouts, incorrectly dished wheels, bent rear triangle, or bottom bracket problems. The ChainLine Gauge is accurate and simple to use.



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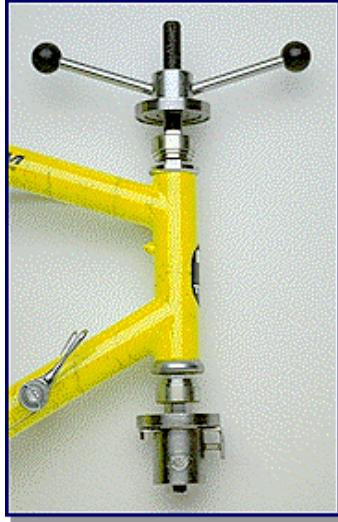


## On-Line Catalog '97 Headset & Fork Tools



### Head Cup Remover RT-1

The Park Tool Head Cup Remover makes headset cup removal easy. The tool is pulled through the frame until the flared ends snap in behind the cup. A blow on the tool head removes the cup. Fits standard and oversize headsets. Strong, heat treated alloy steel with nickel finish.



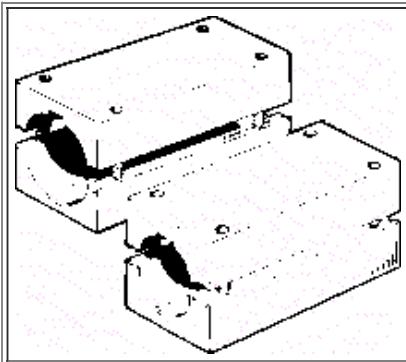
### Bearing Cup Press HHP-1

Now you can easily and accurately align and press in one-piece crank hanger and headset bearing cups. Eliminate damaged, dented, chipped, or misaligned bearing cups. Our unique design permits instant removal after cups are seated, with no unscrewing to remove tool, simply slide off. The entire tool is heat treated and chrome-plated to give trouble-free service. Stepped bushings provide a precise fit and alignment for regular and oversized head and hanger cups.



### **Crown Race Setting System CRS-1**

We've taken a fresh new approach to crown race installation. Traditionally, a mechanic would slam a tube down onto the bearing surface to "set" the race in place. The CRS-1 offers a different approach that offers faster, safer, and more precise installation. The bearing surface is spared a direct hit by using different inserts to ensure proper fit on the race. Choose the correct insert then slide the tube over the fork tube and into the top end of the insert. Using a hammer, tap firmly on the end cap of the tube and seat the race into its proper place safely and accurately. The CRS-1 set includes one universal setting tube, three 1" inserts, and three 1-1/8" inserts.



### **Fork Block Sets #636, #637, and #638**

These aluminum fork block sets forks are handy for holding forks in a vise while cutting threads, cutting steerer tubes, straightening dropouts, and performing similar operations. All three sizes will also fit the Park Tool FCG-1 Fork Clamp and Gauge. (For 1", 1-1/8", and 1-1/4" forks).

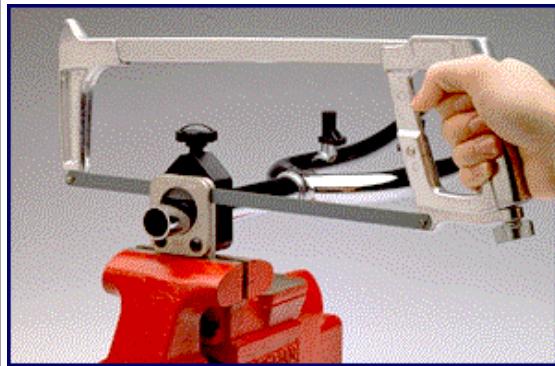
### **Threadless Nut Setters TNS-1 and TNS-2**

The Threadless Nut Setter is used to install the star-fangled nut found on AheadSet and other threadless headset systems. Thread the nut onto the TNS, insert into the fork stack, and tap it in with a hammer. Sets the star-fangled nut to 15mm and keeps it straight. Uses Part #822 Replacement Set Screws.

**TNS-1** Fits 1" and 1-1/8"

**TNS-2** Fits only 1-1/4" forks.





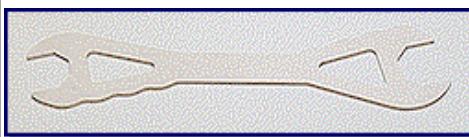
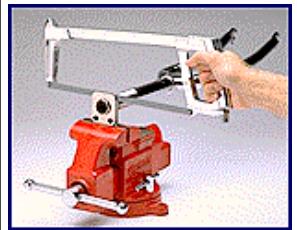
#### **Threadless Fork Saw Guide SG-6**

Designed to ensure a straight, clean cut on threadless forks, the SG-6 fits 1", 1-1/8" and 1-1/4" forks. A must for use with threadless fork systems. Simply slide the guide onto any threadless fork, clamp it down, and cut using the narrow cutting slot. Heat treated for long life. *For threaded forks, use SG-5 Guide Set which cleans the threads after cutting.*



#### **Saw Guide Set SG-5**

Cut any fork quickly and easily with these handy fork stack cutting guides. The SG-5 Guide Set contains a guide for each of the three tube diameters 1", 1-1/8", and 1-1/4". Heat treated for long life, each guide cleans the freshly cut threads upon removal so headset parts install easily. Cut as little as 1mm from any fork.

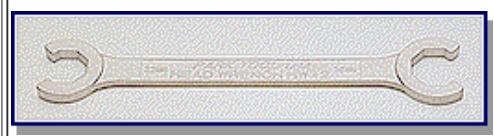


#### **Professional Headset Wrench HW-1**

The HW-1 Professional Headset Wrench is designed to provide a precision fit for 32mm and 36mm headset adjusting cups. We use the best material available, lazer cut the openings, and use an electroless nickel plating to ensure a precision fit with no distortion. The oversized "Y"-shaped heads add strength and durability, and the specially contoured handle makes the HW-1 comfortable to use.

#### **Professional Headset Locknut Wrench HW-2**

Most headset wrenches are too thin to use on the top locknut of headsets, particularly aluminum locknuts which can be marred and rounded off very easily. The HW-2 Professional Headset Locknut Wrench is the answer. It has a thick, semi-box opening and a substantial, extra long handle for a firm and precise grip on most 8 point 32mm and 36mm locknuts. Made of investment cast tool steel.



#### **Road Wrenches RW-1 and RW-3**

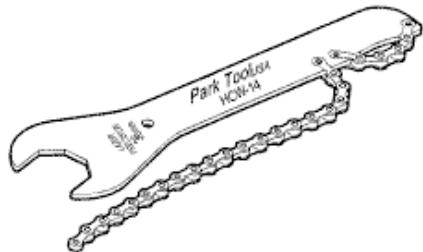
An ideal head and pedal wrench to carry along. Small size fits in small bag, or mounts under water bottle cage using slotted center. Chrome plated tool steel.

**RW-1** 32mm head wrench and 15mm pedal wrench.

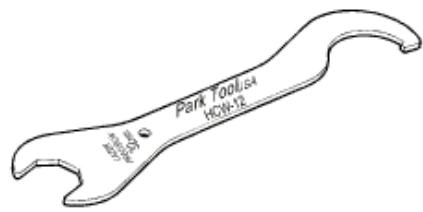
**RW-3** 36mm head wrench and 15mm pedal wrench.

### **HCW Wrenches**

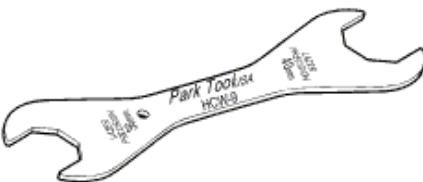
Our popular and versatile Head and Crank Wrenches now feature our stronger "Y" head design with all openings Laser cut to ensure a tight, accurate fit. Precise sizing is achieved by high voltage computer controlled lazer technology after heat treat. Waiting until the wrench is heat treated eliminates shrinkage and expansion of the steel after the wrench is sized. It takes longer, and costs more, but it's worth the extra effort. (Only headset sizes 30mm, 32mm, 36mm, and 40mm are lazer sized). Wrenches are approximately 11 inches in length.



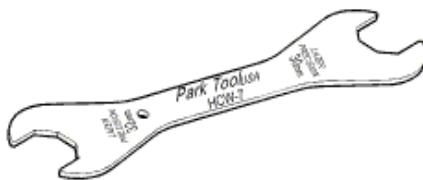
**HCW-14** 36mm head wrench and chain whip.



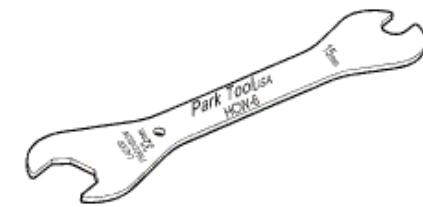
**HCW-12** 32mm head wrench and lockring hook spanner.



**HCW-9** 36mm and 40mm "oversize" head wrench.



**HCW-7** 30mm and 32mm head wrench.



**HCW-6** 32mm head wrench and 15mm pedal wrench.

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## On-Line Catalog '97 Hex Key Wrenches



### **Hex Wrench Set AWS-1**

This wrench combines three sizes (4mm, 5mm, and 6mm) of hex wrenches in a comfortable, easy-to-use design providing needed leverage to loosen or tighten hexhead screws and bolts. Each hex extension is vinyl coated for hand comfort.



### **Hex Wrench Set AWS-8**

The AWS-8 Bondhus Balldriver™ hex wrench set is ideal for those tough-to-get-at screws. The unique ball-end design allows for an **angle entry** up to 25 degrees. Like our AWS-1, this wrench combines three popular hex wrench sizes (4mm, 5mm, and 6mm) in an easy-to-use "Y" design for needed leverage on stubborn bolts. Each extension is made of industrial quality hardened steel, vinyl coated for comfort.



### **Fold Up Hex Wrench Set AWS-11**

The bike shop quality AWS-11 features 3mm, 4mm, 5mm, 6mm, 8mm (crank bolts, and 10mm (freehub) hex wrenches with precision chamfered tips for a tight fit. One-piece fiber-reinforced resin handle is lightweight, comfortable, slip-resistant, and 40% stronger than traditional steel handles. The perfect tool for home or professional mechanic.



### **Fold Up Hex Wrench Set AWS-9**

Our one piece fiber reinforced resin handle is smooth, easy to handle, and stronger than any steel fold up tool we've tried. 4mm, 5mm, and 6mm hex wrenches plus a phillips and standard screwdriver make the AWS-9 a great carry-along emergency tool, plus a great shop tool. This tool can be used in 3 different positions including a right angle positive stop position. Hex wrenches are made of 8650 chrome vanadium tools steel with neatly chamfered tips for a perfect fit. Weighs just 116 grams (4.1 ounces).

### **Fold Up Hex Wrench Set AWS-10**

The AWS-10 combines all the popular sizes in one convenient, super tough fold-up. Each hex is made of 8650 industrial strength chrome vanadium tool steel with chamfered tips to ensure a positive, accurate fit. 1.5mm, 2.5mm, 2mm, 3mm, 4mm, 5mm, and 6mm sizes in a glass-injected resin one piece handle that positions each hex in an easy to use position every time. Tougher and lighter (105 grams) than any

steel handle fold up set, the AWS-10 is sure to be seen in tool boxes, wedge packs, and workshops around the world.



#### **Multi Tool MT-1**

The MT-1 is a high quality multi tool that is uncomplicated, easy to use, and effective. Made of investment cast tool steel and electroless nickel plated for durability, the MT-1 features 3mm, 4mm, 5mm, 6mm, and 8mm hex wrenches; 8mm, 9mm, and 10mm socket wrenches, and a flatblade screwdriver. Each of the nine tools is carefully positioned so the MT-1 can be effectively used on those "tough to get to" nuts, bolts, and screws.

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## On-Line Catalog '97

### Miscellaneous

#### **Big Wheel Pizza Tool PZT-1**

The PZT-1 just happens to be a top-quality pizza cutter that looks like a high-wheeler. No hidden use, just a pizza cutter. Available only in the world famous "Park Tool Blue". Comes complete with display stand and gift box.



#### **Bicycle Storage Hooks #450 and #451**

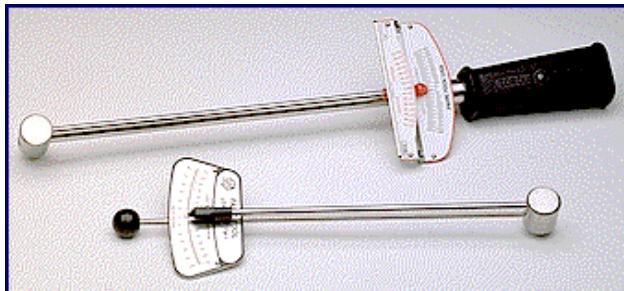
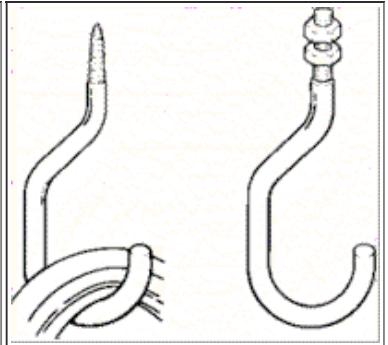
An ideal way to store bicycles, wheels, toys, ladders, etc.

#### **Machine Thread Hooks #450**

Use steel tubing or angles as the support for these hooks. Complete with two hex nuts per hook on 1-1/2 inches of 5/16-18 machine thread. Black vinyl coated.

#### **Wood Thread Hooks #451**

Clean, sharp threads, heavy red vinyl coating, zinc plated.

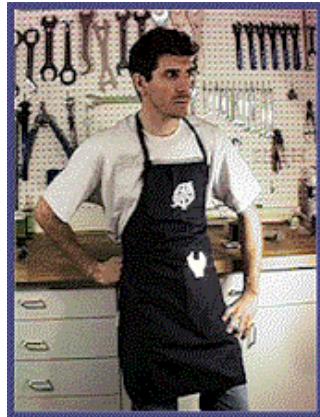


#### **Torque Wrenches TW-1 and TW-2**

Because torque specifications are now given for most parts and accessories, Park Tool offers two tough, accurate torque wrenches. The TW-1 is 1/4" drive and ranges from 0-60 inch pounds with compatible metric equivalents. The TW-2 is 3/8" drive and ranges from 0-600 inch pounds, also with adjacent metric scale. As torque requirements become more a part of everyday shop use, it is important for every mechanic.

**Shop Apron SA-1**

Protect your clothes and gain the advantage of large pouch pockets whenever you work in the shop. Our full-length, shop quality aprons are made of a heavy 7-ounce poly cotton twill for comfort and durability. Navy blue with white embroidered Park Tool logo.



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## On-Line Catalog '97 In-Store Display Racks



### PDR-3 In-Store Display System

The PDR-3 is a complete tool and information center for the home mechanic featuring a full selection of the most frequently needed bicycle repair tools. The PDR-3 also features a full 4-color reference guide to aid in the quick selection of the proper tool for the job at hand. The PDR-3 can be used as a stand alone display (featured here) or mounted flat against a wall.

[Click here for a complete list of the tools that come standard in the PDR-3.](#)



### PDR-5 In-Store Display System

Not enough space for the PDR-3? The PDR-5 is a smaller, wall mounted display system.

[Click Here for a complete list of the tools that come standard in the PDR-5](#)

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## On-Line Catalog '97

### Repair Stands



#### Professional Race Stand PRS-5

Originally developed for professional road and mountain bike race teams, the PRS-5 is a high quality, fully adjustable stand that quickly folds for easy transport and storage. Used by more professional road and mountain bike race teams than any other stand.

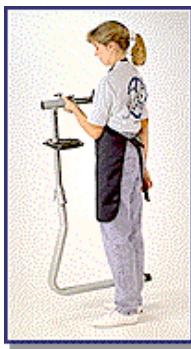


**Carrying Bag Included**



#### Deluxe Double Arm Repair Stand PRS-2

The Deluxe Double Arm Repair Stand is designed for the professional mechanic and features infinite adjustments of the clamps, both in clamping pressure and in rotating positions. The clamp height is adjustable from 38" to 52" allowing perfect placement for maximum comfort and efficiency. The clamps rotate 360 degrees, allowing the bicycle to be positioned at any angle, and can be adjusted for virtually any size frame tubing. Because the stand itself also rotates horizontally 360 degrees, one bicycle can be swung out of the way, allowing the other clamp to be used for "rush" repair jobs. The entire framework is heavily chrome plated and the steel base is painted. Work Tray #104 is included. The stand is also available without the base. For mounting directly to the floor, use Part #FP-2, Floor Mounting Plate.



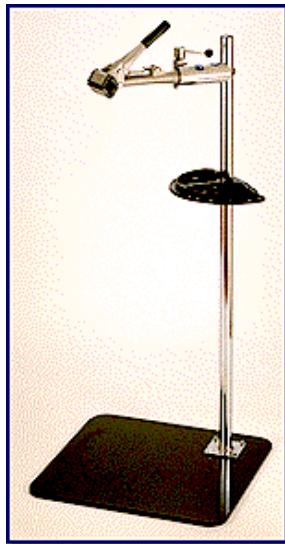
#### Home Mechanic Repair Stand PCS-1

Many riders now use a repair stand to perform simple repair jobs on their own bikes. A good repair stand for home use should incorporate the following features:

- \* Quick-adjusting clamp to fit all tubing sizes
- \* Folds for storage
- \* 360 degree rotation for infinite placement
- \* Competitively priced
- \* Quality construction for long life \*Strong, sturdy, and attractive
- \* Tapered rotational locking system \*Powder coated for long lasting finish

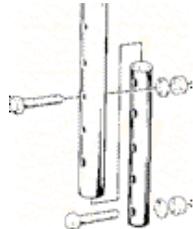
Our PCS-1 which meets all of the above criteria, and is backed by the Park Tool commitment to quality and integrity. Constructed of heavy steel tubing and powder coated for durability. Rubber feet are adjustable for uneven floors. For easy storage, simply lift the stand and the legs fold together.





#### **Deluxe Single Arm Repair Stand PRS-3**

This stand is one-half of the Park Tool Deluxe Double Arm Repair Stand (PRS-2), and incorporates most of the same features in a stand suitable for smaller areas. The clamp rotates 360 degrees and is adjustable for virtually any size frame tubing up to 1-3/8". Clamp height is adjustable from 37" to 47". The solid steel base weighs 68 lbs., creating a very stable stand. Work Tray #104 is included. The PRS-3 is heavily chrome plated and is also available without the base. For mounting directly to the floor, use Part #FP-2, Floor Mounting Plate.



#### **PRS-3 Extension #178**

Use of this extension kit adds an additional 12 inches to the working height of the PRS-3 Repair Stand. Double sleeve system retains strength integrity without sacrificing adjustability.



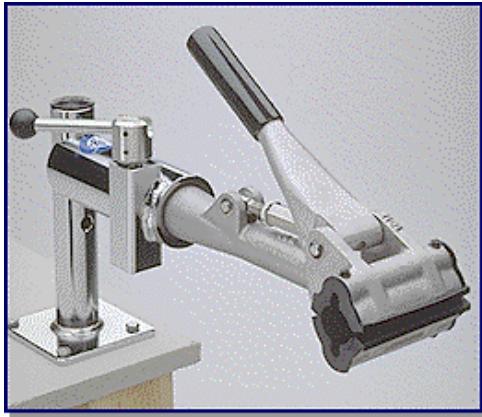
#### **Floor Model Repair Stand PRS-6**

Now features our best clamp, the infinitely adjustable 100-5C, and our super secure tapered rotational locking system. Stable self-standing base is constructed of heavy gauge tubular steel, powder-coated for durability. Clamping height is 40". This stand can be directly mounted to the floor by using Part #FP-2, Floor Mounting Plate.



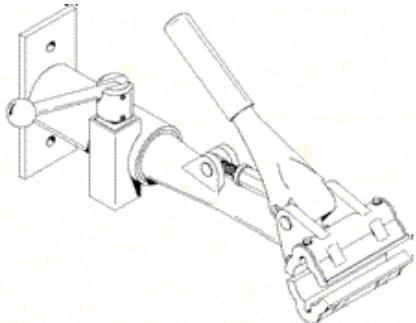
#### **Floor Model Repair Stand PRS-12**

The PRS-12 features our automatically adjusting spring clamp, as well as our heavy duty lock block system for securing the clamp in the stand. The clamp of the PRS-12 rotates 360 degrees and quickly and securely clamps any tube up to 1-3/8". The stable base and upright are constructed of heavy gauge tubular steel, powder coated for durability. Clamping height is 40". The PRS-12 can be directly mounted to the floor using Part #FP-2, Floor Mounting Plate.



#### **Deluxe Bench Mount Repair Stand PRS-4**

The Deluxe Bench Mount Stand uses the same clamp as the PRS-2 and PRS-3. The clamp can be adjusted to two different working heights and rotates 360 degrees, allowing the bike to be positioned at any angle. Mounts easily to any flat surface. (Mounting bolts not included).

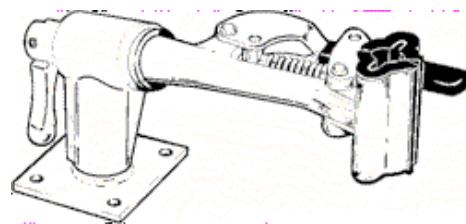


#### **Deluxe Wall Mount Repair Stand PRS-4W**

Designed to be easily mounted to any post or wall stud, the PRS-4W is a shop quality stand using the same clamp and locking system as the PRS-2, PRS-3, and PRS-4. Powder coat finish. (Mounting bolts not included). Shipping weight: 10 lbs. (4.54 kg.)

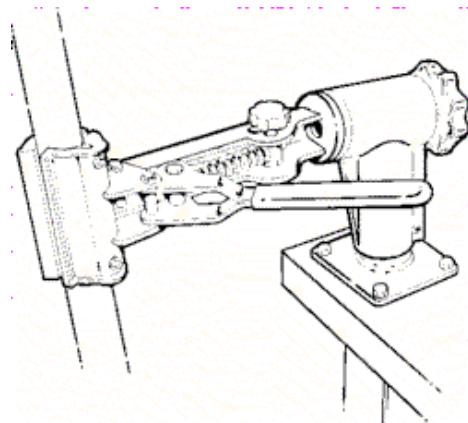
#### **Bench Mount Repair Stand PRS-7**

Easily mounted on any workbench. Uses the same adjustable linkage clamp and locking system as the PRS-6. Mounting flange has four holes, allowing use of bolts or lag bolts to mount. Durable powder coated finish. (Mounting bolts not included).



#### **Home Mechanic Bench Mount Repair Stand PCS-2**

This is the bench mount version of our popular Home Mechanic Repair Stand (PCS-1). It incorporates the same adjustable clamp and will rotate the bicycle 360 degrees, holding it steady at any angle. Durable powder coating. Mounts to any flat surface. (Bolts not included).



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### Repair Stands Accessories

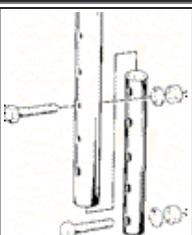
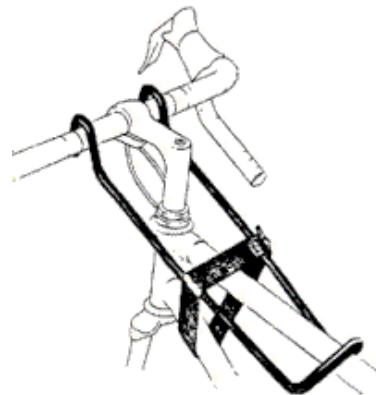


#### **Work Tray #104**

This large tray is ideal for holding small parts and tools. It features deep sides so small items stay put. A variety of slots and holes hold any tool. Fits all Park Tool Repair Stands. (Included with models PRS-2 and PRS-3).

#### **Handlebar Holder HBH-1**

The Handlebar Holder is designed to hold the handlebars stationary, keeping the front wheel from "flopping" while the bike is worked on. It will hold the handlebar securely when the bicycle is rotated to any position in your Park Tool Repair Stand. Works on virtually all mountain and road bikes. Velcro™ strap is included to attach the Handlebar Holder to the frame.

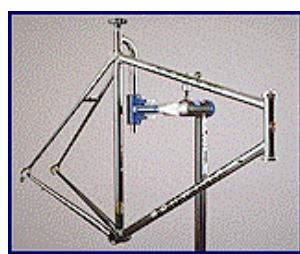


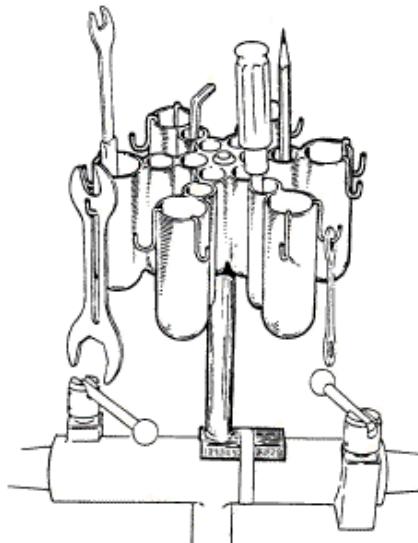
#### **PRS-3 Extension #178**

Use of this extension kit adds an additional 12 inches to the working height of the PRS-3 Repair Stand. Double sleeve system retains strength integrity without sacrificing adjustability.

#### **Internal Seat Tube Clamp ISC-1**

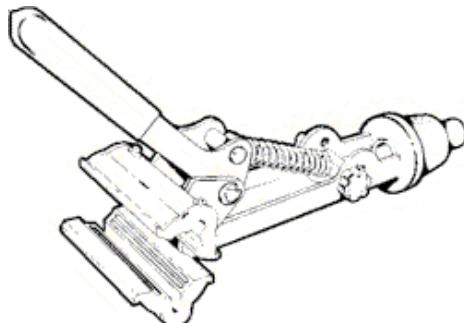
This tool is designed to be used with any Park Tool Repair Stand. The purpose of the ISC-1 is to allow a mechanic to hold a frame securely without actually clamping onto a painted surface. Simply insert the ISC-1 into the seat tube and turn the knob to expand the tool. The repair stand is then clamped onto the extended tube. Fits frames 25mm or larger, (most touring and mountain bikes).





#### **Tool Kaddie TK-2 & TK-3**

This handy unit is perfect for storing frequently used tools right at your fingertips. The Tool Kaddie rotates to bring needed items up close, features deep pockets, and includes 12 hooks. Also an ideal place to store pencils, pens, rulers, etc. when used on a desk. The TK-2 mounts easily on any Park Tool Repair Stand using the included mounting hardware. The TK-3 is a free standing model for use on any flat surface such as a bench, desk, or countertop.



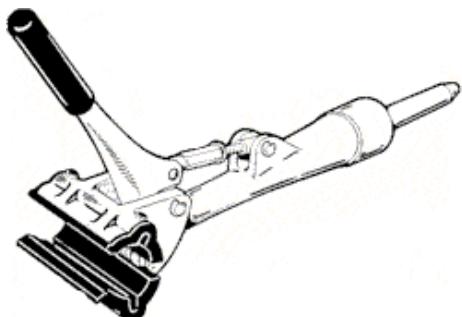
#### **100-1C Spring Linkage Clamp**

Fits PCS-1 and PCS-2 stands made after 6/96



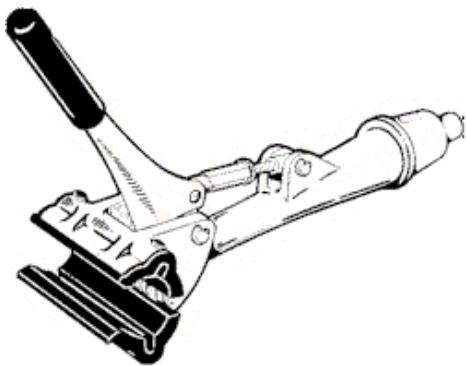
#### **100-2C Spring Linkage Clamp**

Fits PCS-1 and PCS-2 stands made before 6/96



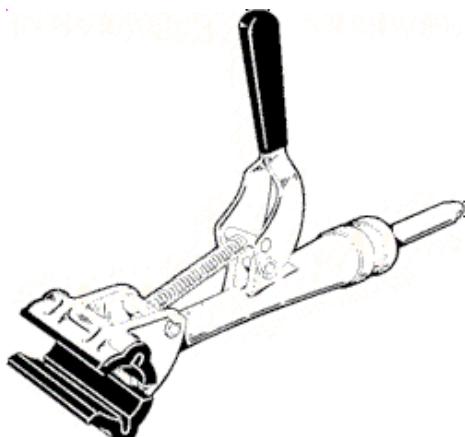
#### **100-3C Adjustable Linkage Clamp**

Fits PRS-2, PRS-3, and PRS-4 stands



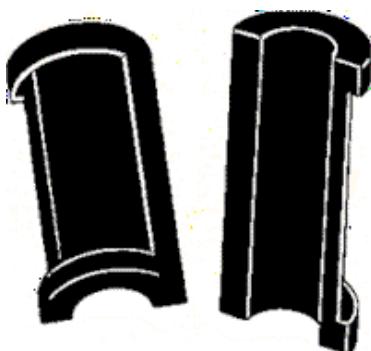
**100-5C Adjustable Linkage Clamp**

Fits PRS-5, PRS-6, and PRS-7 stands made after 6/96



**100-8C Spring Linkage Clamp**

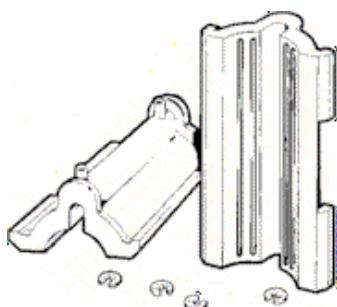
Fits PRS-6, PRS-7, and PRS-8 stands made before 6/96



**Replacement Clamp Covers**

#466 Fits original clamps with plastic-dipped jaws.

Old plastic should be removed before installing new covers. Available in black only, as shown above.



**Replacement Clamp Covers**

#468 Fits all new clamps with double cable reliefs.

#468G (Grey) Fits PCS-1 and PCS-2

#468B (Black) Fits PRS-2 through PRS-8

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## On-Line Catalog '97 Take Along Tools



### Roll-Up Workshop BK-1

Take your bike apart, put it back together. This tool set can help you do it all. A great way to start a home mechanic on his or her way to tool heaven. We've combined 18 of our most popular shop grade tools, some in a compact version, to create a set that's perfect for home projects and sure to whet the appetite of any tool freak. Add this tool kit to a few household tools and the repair and maintenance possibilities are endless. A roll-up nylon carrying case combines multiple pockets, mesh storage pockets, grommets for tool board hanging, and a super tough buckle/handle to keep it all together. Perfect for the races! [Click here for a list of BK-1](#)

[Contents](#)



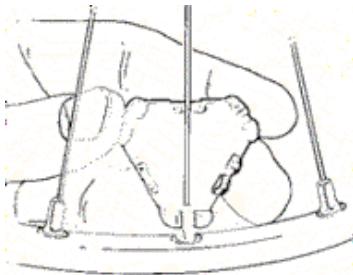
### **Super Patch Kit GP-2**

**NEW AND IMPROVED MATERIAL!** Our highly rated GP-1 Glueless Patch is now the GP-2 Super Patch and it's better than ever. This new patch combines better adhesion and an all new super stretchy film that flexes, twists, and turns right along with the tube. With the help of 3M technology the new GP-2 is sure to make it easier than ever to patch tubes with no glue, and no mess. Lightly rough tube with the included sandpaper, clean, apply patch, and you're ready to go. Six patches with sandpaper in a neat little carry along box. Available individually carded (GP-2C) or in a handy 50 kit countertop display.



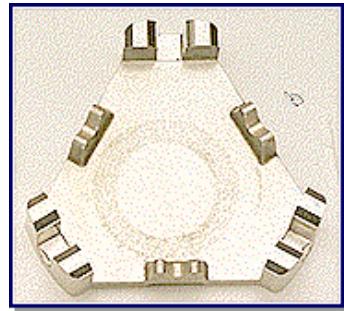
### **Park Pack Mini Tool Kit PPM-1**

When we set out to design a tool kit we decided that we didn't want to make just another set of emergency tools. Instead, we wanted a set of real tools that would be as useful in the workshop as on the road or trail. Introducing the Park Pack Mini Tool Kit, the first set of shop quality tools small and light enough to go along for the ride.



### **SW-7 Multi Spoke Wrench**

The professional quality, precision sized SW-7 fits the three most popular spoke nipple sizes on the market. The SW-7 is electroless nickel plated for years of service.



### **Multi Tool MT-1**

The MT-1 is a high quality multi tool that is uncomplicated, easy to use, and effective. Made of investment cast tool steel and electroless nickel plated for durability, the MT-1 features 3mm, 4mm, 5mm, 6mm, and 8mm hex wrenches; 8mm, 9mm, and 10mm socket wrenches, and a flatblade screwdriver. Each of the nine tools is carefully positioned so the MT-1 can be effectively used on those "tough to get to" nuts, bolts, and screws.

### **Mini Chain Brute Chain Tool CT-5**

This small chain tool goes anywhere and actually performs like a shop quality tool. The fine thread, special "V"-shaped handle, and super strong replaceable pin make chain removal and installation a breeze. The CT-5 works on any derailleuer chain (including Hyperglide) and has a "shelf" for loosening tight links. At only 77 grams, it's the perfect take-along chain tool.



### **Emergency Tire Boot TB-1**

Cut, scraped, and even worn sidewalls can easily and securely be patched using the Park Tool TB-1 Tire Boot. The TB-1 is made with a thin, extra tough film that will withstand the most demanding conditions on the road or trail until the tire can be replaced. To use, simply peel off the protective backing and position the TB-1 inside the tire casing over the cut or worn area. A super strong adhesive using 3M technology keeps the TB-1 in position while reinstalling the tire and tube. There's no easier or more effective way to boot a cut or worn tire.



### **Road Wrenches RW-1 and RW-3**

An ideal head and pedal wrench to carry along. Small size fits in small bag, or mounts under water bottle cage using slotted center. Chrome plated tool steel.

**RW-1** 32mm head wrench and 15mm pedal wrench.

**RW-3** 36mm head wrench and 15mm pedal wrench.



#### **Tire and Tube Repair Kit TR-1**

Our wildly popular GP-2 Super Patch Kit and TL-1 Tire Levers packaged together as a kit. Three Tire Levers and a box with six patches and one piece of sandpaper on a blister card.

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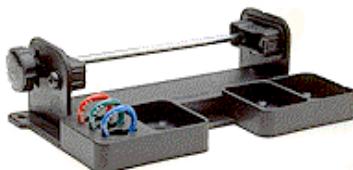


## On-Line Catalog '97 Wheel & Tire Tools



### Home Mechanic Wheel Truing Stand TS-2

The Park Tool Professional Truing Stand is the stand to choose for heavy shop use. Accepts wheels from 16" to 28" with or without tire removed. Both axle-holding uprights move simultaneously, always centering wheel hub with calipers, regardless of hub width. Calipers and caliper arm are spring-loaded to prevent jamming with badly out-of-true wheels. Made of heavy chrome plated steel with nylon bushings at pivot points. Can be bench-mounted or vise-held. If a forward or backward tilt is desired, use with Truing Stand Tilting Base TSB-2. **The standard of the industry.** For precision work, the TS-2 should be used with the WAG-1 Professional Wheel Alignment Gauge.



### Truing Stand Tilting Base TSB-2

This base for the TS-2 allows for adjustment of the truing stand 20 degrees forward or backward for comfortable use at any bench height. Bin corners are rounded to make small parts easy to retrieve. Holes are provided for mounting to workbench or other surfaces for greater stability.



### Home Mechanic Wheel Truing Stand TS-7

The new TS-7 is a high quality truing stand designed specifically for the home mechanic. Constructed from heavy gauge steel, the TS-7 allows extremely accurate and reliable wheel truing at an economical price. Dishing (centering) is performed using the portable wheel dishing tool (shown below), included with the stand. The TS-7 can be used on almost any wheel size or hub width and can be used freestanding or bolted to a bench for extra stability.



#### **Professional Wheel Alignment Gauge WAG-1**

This tool is a quick, easy way to check the correct offset on rear multi-speed hubs and to check for any front wheel offset which may need to be changed. The Wheel Alignment Gauge can be used on wheel sizes 20" to 28", either on or off the bike. The positive, screw-operated indicator will not move when set. The wide feet of the Wheel Alignment Gauge make it easy to get accurate readings even with knobby tires.



#### **Portable Wheel Dishing Gauge WAG-3**

The WAG-3 accurately checks the dish, or offset, on all 26", 27", and 700C wheels. Measurements are taken comparing one side of the wheel to the other to determine if the rim is in the center of the hub. Easily disassembles to fit into most tool boxes. Perfect for the race or home mechanic. For quick accurate readings on all sizes wheels, on or off the bike, check out the WAG-1 Professional Wheel Alignment Gauge.



#### **Spoke Wrench SW-0 through SW-4**

Professional quality, precision-sized spoke wrenches are hardened and chrome plated for long service. Park Tool Spoke Wrenches are vinyl coated in one of five colors indicating the size at a glance.

**BEWARE OF POOR FITTING IMITATIONS! Park Tool Spoke Wrenches are marked "Park Tool USA."**

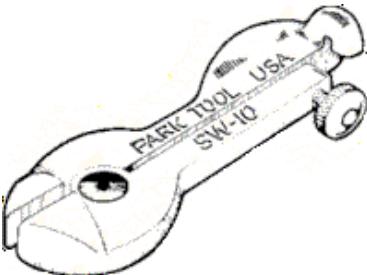
**SW-0** (Black) For 80 gauge -- .127 nipple

**SW-1** (Green) For 80 gauge -- .130 nipple

**SW-2** (Red) For 80 gauge -- .136 nipple

**SW-3** (Blue) For 105 gauge -- .156 nipple

**SW-4** (Yellow) For 120 gauge -- .193 nipple



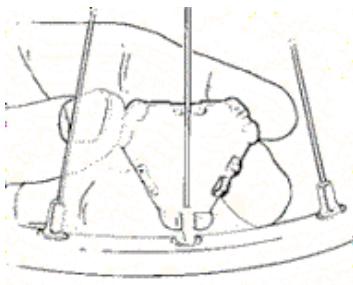
#### **Adjustable Spoke Wrench SW-10**

The SW-10 Adjustable Spoke Wrench helps remove tight (stubborn) or rounded nipples. Hardened, chrome plated investment casting gives superior strength and durability. Fits any of the 80 gauge sizes listed for SW-0 through SW-2.



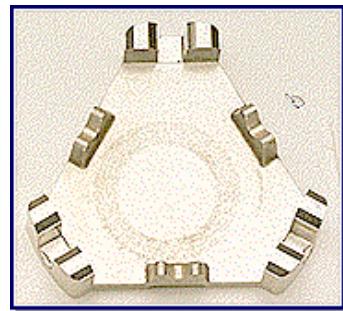
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**NEW AND IMPROVED MATERIAL!** Our highly rated GP-1 Glueless Patch is now the GP-2 Super Patch and it's better than ever. This new patch combines better adhesion and an all new super stretchy film that flexes, twists, and turns right along with the tube. With the help of 3M technology the new GP-2 is sure to make it easier than ever to patch tubes with no glue, and no mess. Lightly rough tube with the included sandpaper, clean, apply patch, and you're ready to go. Six patches with sandpaper in a neat little carry along box. Available individually carded (GP-2C) or in a handy 50 kit countertop display.



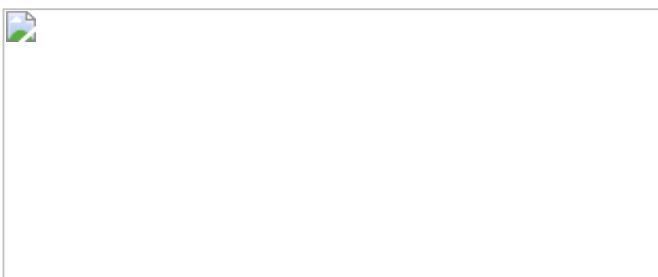
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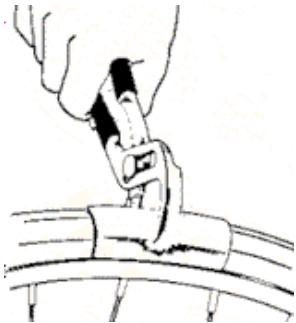
### **Spoke, Bearing, and Cotter Gauge SBC-1**

This handy shop aid is ideal for sizing spokes, ball bearings and crank cotters. To use, just hang the head of the spoke in the oblong hole and read its length on the scale. For crank cotters and ball bearings it works just like a gauge for drill bits. Spoke lengths are in both metric and fractional markings. Made of anodized aluminum with embossed markings to allow easy reading and long life.



#### **Tire and Tube Repair Kit TR-1**

Our wildly popular GP-2 Super Patch Kit and TL-1 Tire Levers packaged together as a kit. Three Tire Levers and a box with six patches and one piece of sandpaper on a blister card.



#### **Tire Seater PTS-1**

This tool is designed to quickly and easily "seat" stubborn tires. During inflation tire beads often slip below the rim edge and are difficult to pull out. Simply place the non-slip jaws on the tire and lift out. The Park Tool Tire Seater adjusts to various tire widths. It's chrome plated and the handles are vinyl coated for comfort.

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